

### Amendments to the Specification

The first paragraph of the specification under the heading Cross-Reference to Related Application (as added by Preliminary Amendment) is amended as follows:

This application ~~claims the benefit and priority to and~~ is a U.S. National Phase of PCT International Application Number PCT/DK2005/000133, filed on February 25, 2005, designating the United States of America and published in the English language, which claims priority under 35 U.S.C. § 119 to Denmark Application Number PA 2004 00306 filed on February 26, 2004. The disclosures of the above-described applications are hereby incorporated by reference in their entirety.

Page 8, lines 32-33 of the application (paragraph 0074 of the published version of the present application) is amended as shown in the attached paragraph:

The further analysis to which the collected biological particles may be subjected could for example involve a pre-treatment step such as extraction of biological materials. In a preferred embodiment of the invention, the extraction of biological particles is performed according to co-pending patent application "Method, chip, device and system for extraction of biological material", PCT Application No. ~~XXXXXXXXXX~~ PCT/DK2005/000132 (WO2005/083078 A1), which is incorporated herein by reference. As described in PCT Application No. ~~XXXXXXXXXX~~ PCT/DK2005/000132 (WO2005/083078 A1), the biological materials such as genetic material may be extracted from the biological particles by contacting the biological particles with a liquid, e.g. the first liquid reagent, and then expose the biological particles to an alternating electric field. The alternating electric field ruptures most biological particles and may even rupture bacterial spores, thus releasing biological material from the biological particles for further analysis.

Page 9, line 2 of the application (paragraph 0075 of the published version) is amended as shown in the attached paragraph:

The further analysis of the released biological material may also include processes such as ELISA, protein separation, protein purification. For released genetic material, the further analysis may include incubation with restriction enzymes, nucleic acid amplification such as the PCR process, electrophoresis, and detection, such as, e.g., fluorescence detection or electrochemical detection. The PCR process and the detection may e.g. be performed according to the methods and using the kits described in the co-pending PCT Application No. ~~YYYYYYY~~ PCT/DK2005/000131 (WO2005/083114 A1), having the title "Method, kit and system for enhanced nested PCR", which is incorporated herein by reference.